

# Questionnaire 1

## APPENDIX 1 (Bound)

INTERVIEWER'S NO. Q'NAIRE NO.

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NOVEMBER, 1977.

## ENERGY SURVEY

J.N. 7160 [ ] Heating device recorded questions. Areas shown in circles not.

ASK TO STAR TO MAN/LADY OF THE HOUSE

Good morning/afternoon/evening. I am from [ ] We are carrying out a survey about energy use in people's homes, and also, the environment in which they live. We would like you to answer some questions about heating, insulation, transport and living conditions at this time of year for now and we hope to be able to ask you similar questions later on, at another time of year.

CARD 1 = 1

Room	Q1. CENTRAL HEATING	NON-CENTRAL AND ADDITIONAL HEATING								Q2. TIMES OF DAY ROOMS HEATED											
		1	2	3	4	5	6	7	8	Open Fire	Gas Fire/Gas boiler/Hot-line	Electric Fire	Solid Fuel Stove	Oil Heaters/Calor gas	Other (SPECIFY):	Morning	Afternoon	Evening	Overnight	No heating	
Sitting room (5)	1	2	3	4	5	6	7	8	(15)	2	3	4	5	6	7	8	(25)	2	3	4	5
Dining room (6)	1	2	3	4	5	6	7	8	(16)	2	3	4	5	6	7	8	(26)	2	3	4	5
Kitchen (7)	1	2	3	4	5	6	7	8	(17)	2	3	4	5	6	7	8	(27)	2	3	4	5
Hall (downstairs) (8)	1	2	3	4	5	6	7	8	(18)	2	3	4	5	6	7	8	(28)	2	3	4	5
Master/parent's bedroom (9)	1	2	3	4	5	6	7	8	(19)	2	3	4	5	6	7	8	(29)	2	3	4	5
Bedroom 2 (10)	1	2	3	4	5	6	7	8	(20)	2	3	4	5	6	7	8	(30)	2	3	4	5
Bedroom 3 (11)	1	2	3	4	5	6	7	8	(21)	2	3	4	5	6	7	8	(31)	2	3	4	5
Bedroom 4 (12)	1	2	3	4	5	6	7	8	(22)	2	3	4	5	6	7	8	(32)	2	3	4	5
Bathroom (13)	1	2	3	4	5	6	7	8	(23)	2	3	4	5	6	7	8	(33)	2	3	4	5
Downstairs through-room/Lounge-diner (14)	1	2	3	4	5	6	7	8	(24)	2	3	4	5	6	7	8	(34)	2	3	4	5

Q1. First of all, can you tell me how you heat your home? Let's take it room by room. How do you heat your .....? (READ OUT ROOMS IN TURN AND RECORD IN TURN AND RECORD ANSWERS ON GRID BELOW).

Q2. And at what times of day are these rooms heated? (ASK FOR ALL ROOMS AND RECORD IN GRID BELOW).

IF CENTRAL HEATING NOT MENTIONED AT Q1., SKIP TO Q5.

IF CENTRAL HEATING MENTIONED AT Q1. ASK Qs. 3 AND 4:

SHOW CARD A

Q3. How do you set the temperature?

	Col. 35
Thermostat on boiler	1
Wall thermostat(s)	2
Thermostats on radiator valves	3
Wall thermostat and boiler thermostat	4
Other (SPECIFY: _____)	

Q4. What are they normally set at at this time of year? (WRITE IN TEMPERATURE OF THERMOSTAT/S).

Radiators

Ask for Main Living Room and Main Bedroom only.

Type of Thermostat			Other
Wall	Radiator	Boiler	Specify
(36) (37) <input type="text"/> <input type="text"/>	Main Living Rm (38) (39) <input type="text"/> <input type="text"/>	(42) (43) <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>
	Main Bedroom (40) (41) <input type="text"/> <input type="text"/>		

ASK ALL:

SHOW CARD B

Q5. In general, are you satisfied with the way your home is heated at present?

	Col. 44
Very satisfactory	1
Fairly satisfactory	2
Not very satisfactory	3
Not at all satisfactory	4

Q6. Have you any of these types of insulation in your home? (READ OUT).

	Yes	No	Cols
Roof insulation	1	2	(45)
Wall cavity insulation	1	2	(46)
Extra glazing	1	2	(47)
Draught proofing	1	2	(48)
Cylinder lagging	1	2	(49)
Others (SPECIFY: _____)	X	X	X
_____	X	X	X
_____	X	X	X

- Q7. How much do you think it costs you to heat your house at this time of year?  
DO NOT PROMPT. PROBE FOR WEEKLY AMOUNT. IF RESPONDENT DOES NOT KNOW ASK:  
Please estimate what you think it costs?

	Col. 50
Included in the rent	1
Up to £1.00 per week	2
Over £1-£2 per week	3
Over £2-£3 per week	4
Over £3-£4 per week	5
Over £4-£5 per week	6
Over £6-£8 per week	7
Over £8-£10 per week	8
Over £10 per week	9

IF ANNUAL/MONTHLY WRITE IN  
WHICH AND AMOUNT SPECIFIED:

SHOW CARD C

- Q8. Considering present-day prices, do you think this is .....? Please pick a phrase from this card. (DO NOT PROMPT OR READ OUT).

	Col. 51
Very good value	1
Fairly good value	2
Not very good value	3
Very poor value	4

- Q9. If your heating were cheaper to run would you prefer to heat more rooms or to have the temperature higher or to keep it as it is?

	Prefer
	Col. 52
Heat more rooms	1
Have the temperature higher	1
Keep it as it is	2

ASK Q10. AND Q11. FOR EACH ROOM IN TURN, AND ASK BOTH QUESTIONS ABOUT EACH ROOM BEFORE GOING ON TO THE NEXT ROOM.

We are interested in finding out how you ventilate the rooms in your house. Can we take each one separately?

(Q10) At this time of year during which part(s) of the day do you generally have the windows in the \_\_\_\_\_ (NAME APPROPRIATE ROOM) open? (RECORD ANSWER IN GRID BELOW).

(Q11) For what period of time are the \_\_\_\_\_ (NAME APPROPRIATE ROOM) windows open? (RECORD ANSWER IN GRID BELOW).

Q10 & 11	TIME PERIOD	Kitchen	Sitting room (separate)	Dining room (separate)	Living/ Dining room	Main bedroom	Bedroom 2	Bedroom 3	Bedroom 4
Day <input type="checkbox"/>	Less than 1 hr.	(53) 1	(56) 1	(59) 1	(62) 1	(65) 1	(68) 1	(71) 1	(74) 1
	1-1	2	2	2	2	2	2	2	2
	Over 1-4	3	3	3	3	3	3	3	3
	Over 4 hrs.	4	4	4	4	4	4	4	4
	Not open	5	5	5	5	5	5	5	5
Evening <input type="checkbox"/>	Less than 1 hr.	(54) 1	(57) 1	(60) 1	(63) 1	(66) 1	(69) 1	(72) 1	(75) 1
	1-1	2	2	2	2	2	2	2	2
	Over 1-4	3	3	3	3	3	3	3	3
	Over 4 hrs.	4	4	4	4	4	4	4	4
	Not open	5	5	5	5	5	5	5	5
Night <input type="checkbox"/>	Less than 1 hr.	(55) 1	(58) 1	(61) 1	(64) 1	(67) 1	(70) 1	(73) 1	(76) 1
	1-1	2	2	2	2	2	2	2	2
	Over 1-4	3	3	3	3	3	3	3	3
	Over 4 hrs.	4	4	4	4	4	4	4	4
	Not open	5	5	5	5	5	5	5	5

(Q12) Do you sleep in a room at the front or at the back of your house?

Front Col. 77  
Rear 1  
2

(Q13) Why do you sleep at the \_\_\_\_\_ (INSERT ANSWER FROM Q19.) of your house?

Noise Col. 78  
Heat/Stuffiness 1  
Other (SPECIFY: 2

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_) 3

Q14. How do you most often spend weekday evenings at this time of year?  
(CIRCLE ONE RESPONSE ONLY).

- |  |                |
|--|----------------|
|  | <u>Col. 79</u> |
| a. TV                                    | 1              |
| b. Radio/records/tapes                   | 2              |
| c. Reading/studying/working at home      | 3              |
| d. Housework/indoor D.I.Y.               | 4              |
| e. Hobbies (inc. sewing, knitting, etc.) | 5              |
| f. Go out                                | 6              |
| g. Chatting/entertaining friends         | 7              |
| h. Outdoor gardening, D.I.Y., etc.       | 8              |

IF 'a, b, c, d, e or g' AT Q14, ASK Q15., OTHERWISE SKIP TO Q16

Q15. In which room? (DO NOT PROMPT. IF NECESSARY ASK IF FRONT OR BACK).

- |                         |                |
|-------------------------|----------------|
|                         | <u>Col. 80</u> |
| Upstairs front          | 1              |
| Upstairs back           | 2              |
| Downstairs front        | 3              |
| Downstairs back         | 4              |
| Downstairs through room | 5              |

ASK ALL:

Q16. How do you most often spend the evening at the weekend at this time of year? (CIRCLE ONE RESPONSE ONLY).

1 = CARD 2    DUP. COLS. 2-4  
Col. 5

- |  |                  |
|--|------------------|
| a. TV                                    | 1                |
| b. Radio/records/tapes                   | 2                |
| c. Reading/studying/working              | 3                |
| d. Housework/indoor D.I.Y.               | 4                |
| e. Hobbies (inc. sewing, knitting, etc.) | 5                |
| f. Go out                                | 6 - SKIP TO Q18. |
| g. Chatting/entertaining friends         | 7                |
| h. Outdoor/gardening/D.I.Y., etc.        | 8                |
| i. Don't know (can't answer)             | 9                |

IF 'a, b, c, d, e or g' AT Q16, ASK Q17., OTHERWISE SKIP TO Q18

Q17. In which room? (DO NOT PROMPT. IF NECESSARY ASK IF FRONT OR BACK).

- |                         |               |
|-------------------------|---------------|
|                         | <u>Col. 6</u> |
| Upstairs front          | 1             |
| Upstairs back           | 2             |
| Downstairs front        | 3             |
| Downstairs back         | 4             |
| Downstairs through room | 5             |

ASK ALL:

SHOW CARD D

Q18. What do you think of the area, here where you live? Please pick one of the statements on this card.

- |           |               |
|-----------|---------------|
|           | <u>Col. 7</u> |
| Excellent | 1             |
| Good      | 2             |
| Fair      | 3             |
| Poor      | 4             |
| Very poor | 5             |

Q19a. What do you like most about it?  
RECORD ONE ANSWER ONLY

- |                 |               |
|-----------------|---------------|
|                 | <u>Col. 8</u> |
| Quiet           | 1             |
| Other (SPECIFY: |               |
| _____           |               |
| _____           |               |
| _____)          | 2             |

Q19b. Anything else?

- |                 |               |
|-----------------|---------------|
|                 | <u>Col. 9</u> |
| Quiet           | 1             |
| Other (SPECIFY: |               |
| _____           |               |
| _____           |               |

20a. What do you most dislike about it?

RECORD ONE ANSWER ONLY

Col. 10  
Noise 1  
Other (SPECIFY: \_\_\_\_\_)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_) 2

20b. Anything else?

Col. 11  
Noise 1  
Other (SPECIFY: \_\_\_\_\_)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_) 2

SHOW CARD E

21. I would like to know what you feel about the noise you hear from the traffic when you are at home. Please indicate what you feel by pointing to a number on this card? If for instance the traffic noise level here is definitely satisfactory you would choose the number '1' or if definitely unsatisfactory the number '7'. If, however, your assessment is somewhere between these two you can choose a number between 2 and 6 to show this. If it is neither satisfactory nor unsatisfactory you would choose '4', and if just a little on the side of unsatisfactory, the number '5' and so on.

Definitely satisfactory.

Col. 12  
1 1  
2 2  
3 3  
4 4  
5 5  
6 6  
7 7

Definitely unsatisfactory

22a. Is the noise more, less or about the same now as at other times of the year? (RECORD BELOW).

22b. Would you say the noise today is more, less, or about the same as usual for this time of year? (RECORD BELOW).

	Q22a. Col. 13	Q22b. Col. 14
More	1	1
Less	2	2
About the same	3	3
Don't know	4	4

SHOW CARD F

22c. Would you say you were bothered by traffic noise here .....?

Col. 15  
Very much 1  
Moderately 2  
A little 3  
Not at all 4

SHOW CARD G

22. Which of these statements would you pick to describe yourself?

Col. 16  
I am very sensitive to noise,  
it bothers me a lot 1  
I am not at all sensitive to

Q24.

Considering that, for most people, noise levels have tended to increase in recent years, how much a week would you be willing to pay for the traffic noise to be kept down to its present level? Please indicate by choosing one of the marks on this scale. (RECORD ANSWER BELOW UNDER Q24.)

SHOW CARD J

Q25.

How much a week would you be willing to pay for the traffic noise to be reduced to a reasonable level? Please indicate by choosing one of the marks on this scale. (RECORD ANSWER BELOW UNDER Q25.)

	Q24.	Q25.
Already reasonable	(17)	(18)
Nothing $\longrightarrow$	<del>1</del>	1
1p	2	2
5p	3	3
10p	4	4
25p	5	5
50p	6	6
£1	7	7
£2.50	8	8
£5 or more	9	9
	0	0

IF A SUM OF MONEY SPECIFIED AT Q25. ASK Q26., OTHERWISE SKIP TO Q27.

SHOW CARD K

Q26.

For this amount of money, how much would you expect the noise to be reduced by? Please indicate by choosing one of the marks on this scale.

	Col. 19
Not at all	1
By a quarter	2
By a half	3
By three-quarters	4
Totally removed	5

ASK ALL:

Q27. Do you yourself go out to work or not?

	Col. 20
Yes	1 - ASK Q28.
No	2 - SKIP TO Q29a.

IF 'YES' AT Q27. ASK:

Q28. What hours do you work?

Q28.	DAYS	NIGHTS
	(21)	
Part Time		
A.M.	1	2
P.M.	3	4
Full Time	5	6

ASK ALL:

Q29a. Do you either a) have the use of or b) own a car?

	Col. 22
a) Have the use of	1
b) Own	2

Q29b. Does your husband/wife either a) have the use of or b) own a car?

	Col. 23
a) Have the use of	1
b) Own	2

IF RESPONDENT HIM/HERSELF OWNS/USES A CAR AT Q29a. ASK Q30.-34. IF RESPONDENT DOES NOT OWN/USE A CAR SKIP TO Q35.

Q30. Do you use it/them for ..... (READ).

Private Use	1 (24)
Getting to work	1 (25)
Doing your job	1 (26)

Q31. How many miles per week do you think you do at this time of year? (DO NOT READ OUT).

	Col. 27
Less than 25	1
25-50	2
51-100	3
101-250	4
251-500	5
More than 500	6

Q32. How much petrol do you think you use each week at this time of year, on the average? (RESPONDENT MAY ANSWER EITHER IN GALLON TERMS OR IN MONEY TERMS. RECORD EITHER ANSWER, BUT NOT BOTH).

	Col. 28		Col. 29
Less than 2 gallons	1	Less than £ 1.50	1
2 gallons but less than 5	2	£ 1.50 - £ 4.49	2
5 gallons but less than 10	3	£ 4.50 - £ 7.49	3
10 gallons but less than 15	4	£ 7.50 - £ 12.00	4
15 gallons but less than 20	5	£ 12.01 - £ 16.50	5
20 gallons and over	6	More than £16.50	6

REFER TO Q27., IF RESPONDENT WORKS ASK Q33., OTHERWISE SKIP TO Q34.

Q33. How often do you use public transport to go to work? (READ LIST) (CIRCLE ONE RESPONSE ONLY).

	Col. 30
Never	1
Almost never	2
Less than weekly	3
Weekly	4
Daily	5

ASK ALL WHO OWN A CAR:

SHOW CARD I

Q34. How expensive do you think it is to use your car to meet your normal transport needs? Please select a phrase from this card.

	Col. 31
Very cheap	1
Fairly cheap	2
Fairly expensive	3
Very expensive	4

1	} NOW SKIP TO Q36.
2	
3	
4	

IF RESPONDENT PERSONALLY DOES NOT OWN/USE A CAR AT Q29a. AND WORKS - REFER TO Q27. - ASK Q35 AND Q36., OTHERWISE SKIP TO Q37a.

Q35. How do you normally get to work? (READ LIST. CIRCLE ONE RESPONSE ONLY).  
Do you .....

	Col. 32
Walk	1
Cycle	2
Motor Cycle	3
Go by bus	4
Take the train	5
Go by tube	6
Get a lift	7



ASK Q36. OF ALL WHO WORK:

Q36. How much time, in total, do you spend travelling to and from work each day?  
(READ LIST. CIRCLE ONE RESPONSE ONLY). Do you spend .....

	Col. 33
Less than 1/2 hour	1
1/2 - 1 hour	2
Over 1 hour - 2 hours	3
Over 2 hours - 3 hours	4
More than 3 hours	5
None	6

DO NOT READ OUT

NOW ASK Q37b.

ASK ALL WHO DON'T WORK:

Q37a. Do you use public transport .....? (READ LIST) (RECORD ANSWER BELOW UNDER Q37a.)

ASK ALL WHO WORK:

Q37b. Apart from getting to work, do you use public transport .....? (READ LIST) (RECORD ANSWER BELOW UNDER Q37b.)

	Q37a. (41) Non-workers	Q37b. (42) Workers
	(34)	(35)
Less than once a week	1	1
Weekly	2	2
Daily	3	3
More than once a day	4	4
Not at all	5	5

ASK ALL WHO USE PUBLIC TRANSPORT:

Q38. Roughly, how much do you reckon you spend each week on public transport?  
(READ LIST). Do you spend .....

	Col. 36
Less than 50p	1
Over 50p - £1	2
Over £1 - £1.50	3
Over £1.50 - £2.00	4
Over £2.00 - £2.50	5
More than £2.50	6

Q39. Do you think this is .....? (READ LIST).

	Col. 37
Expensive	1
Reasonable	2
or Cheap	3

Q40. And finally, do you think it is .....? (READ OUT).

	Col. 38
Very good value	1
Fairly good value	2
Not very good value	3
or Very poor value for money	4

NOW GO TO CLASSIFICATION

EXPLANATION

Thank you for answering my questions. As I said at the beginning of the interview, we would like to interview you again in the future. We will be having a draw, with prizes, including a £1 first prize, for people who reply to the few interviews we want to do. To make things easy when we next come, could you tell me when you are most likely to be in?

TICK → ☐ MORNING ☐ AFTERNOON ☐ EVENING

THANK RESPONDENT AND CLOSE INTERVIEW.

CLASSIFICATION SECTION

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

HAS TELEPHONE: Col. 39  
                                   Yes 1  
                                   No 2

Tel. No: \_\_\_\_\_

RESPONDENT HAS: Col. 40

Full-time occupation  
 (30 or more hours per week) 1

Part-time occupation  
 (8-29 hours per week) 2

No paid occupation 3  
Col. 41

Head of household 1

Housewife 2

SEX: Col. 42

Male 1

Female 2

How long have you been living at this  
 address? Col. 43

Less than 1 year 1

1-3 years 2

Over 3-5 years 3

Over 5-10 years 4

Over 10 years 5

All life 6

AGE FULL-TIME EDUCATION COMPLETED

Col. 44

Below 14 1

14 years 2

15 years 3

16 years 4

17 years 5

18 years 6

19-21 years 7

22 years 8

Still studying 9

Don't know/Ref 0

OCCUPATION OF HEAD OF HOUSEHOLD:  
 (or former occupation if retired)

If widow give details of former occupation  
 of husband

OCCUPATION: \_\_\_\_\_

INDUSTRY WORKED IN: \_\_\_\_\_

ANY QUALIFICATIONS/APPRENTICESHIPS:

Yes (Write in) \_\_\_\_\_

No A

IF SELF-EMPLOYED OR MANAGERIAL:

How many people responsible for \_\_\_\_\_

IF CIVIL SERVANT OR ARMED FORCES:

What grade/rank: \_\_\_\_\_

WIDOWS OR RETIRED PERSONS:

State pension only A

Private pension A

AGE: (Exact \_\_\_\_\_) Col. 45

16-24	1
25-34	2
35-44	3
45-54	4
55-64	5
65+	6

HOUSEHOLD STRUCTURE:

No. of children 0-14 Col. 46

One	1
Two	2
Three	3
Four or more	4

No. of adults in family 15+ Col. 47

One	1
Two	2
Three	3
Four or more	4

CLASS: Col. 48

A	1
B	2
C1	3
C2	4
D	5
E	6

MARITAL STATUS: Col. 49

Married	1
Single	2

(Divorced/Separated/  
 Widowed, specify which: 3  
 SHOW INCOME CARD \_\_\_\_\_)

Please choose a letter to indicate your  
 (your husband/wife's) NET MONTHLY INCOME  
 AFTER TAX AND OTHER DEDUCTIONS.

	HOH (50)	HW (51)
(A) Up to £100	1	1
(B) Up to £150	2	2
(C) Up to £200	3	3
(D) Up to £250	4	4
(E) Up to £300	5	5
(F) Up to £350	6	6
(G) Up to £400	7	7
(H) Up to £450	8	8
(I) Up to £500	9	9
(J) Over £500	0	0

PANEL 1: Col. 52

1st stage (November 1977)	1
2nd stage (January 1978)	2
3rd stage (March 1978)	3
4th stage (May 1978)	4

SITE: Col. 53

Eastern Avenue, Ilford	1
Coombe Lane, West Wimbledon	2
Mostyn Road, Merton Park	3
Whickham Avenue	4
Galliards Road	5

Length of Interview: \_\_\_\_\_ (minutes).

NOW READ EXPLANATION AT  
 BOTTOM OF PAGE NINE.

SIGNATURE OF INTERVIEWER \_\_\_\_\_ DATE OF INTERVIEW \_\_\_\_\_

1411

The version I am version 2 questionnaire are also exactly the same except for the order and these questions which were not in version 1.

Note: Questions not included in the questionnaire version 1 are marked in a heavy box.

Richard House,  
30-32 Mortimer Street,  
London W1N 7RA.

Questionnaire 2a

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INTERVIEWER'S QUESTIONNAIRE

JANUARY, 1978.

ENERGY SURVEY

NO.

NO.

J.N. 7161

(Version A)

"Better" question precedes "Dissatisfactions" question

## ASK TO SPEAK TO NAMED RESPONDENT

Good morning/afternoon/evening. I am ..... from Burke Marketing Research. You probably remember the interview you gave us a few weeks ago. We are now carrying out the second round of interviewing so may I come in and ask you a few questions please?

The traffic noise related questions have been moved to card 1

## FURTHER EXPLANATION - USE ONLY IF NECESSARY (AT ANY POINT)

You may think that some of the questions are similar to those we asked you before. This is because we want to find out whether or not, and in what ways, people's behaviour varies at different times of the year and whether or not their opinions change. So please bear with us and answer all of the questions.

TICK HERE

☐

IF THIS EXPLANATION USED

CARD 3 = 1

This time I would like to start with some questions about your neighbourhood.

## SHOW CARD D

Q.1. What do you think of the area, here where you live? Please pick one of the statements on this card.

	<u>Col. 5</u>
Excellent	1
Good	2
Fair	3
Poor	4
Very Poor	5

Q.2. What do you like most about it? RECORD ONE ANSWER ONLY.

	<u>Col. 6</u>
Quiet	1
Other (SPECIFY:	

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_)

2

Q.3. What do you most dislike about it? RECORD ONE ANSWER ONLY.

	<u>Col. 7</u>
Noise	1
Other (SPECIFY:	

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_)

2

Q.4. Can you hear the noise of traffic when you are in your home?

	<u>Col. 8</u>
Yes	1
No	2

Q.5. Last time I asked you how you heat your home. Has there been any change in your heating system since then?

	<u>Col. 9</u>	
Yes	1	- ASK Q.
No	2	- GO TO Q.7a.

IF 'YES' TO Q.5.

Q.6. How do you heat your .....? (READ OUT ROOMS IN TURN AND RECORD IN TURN ON GRID).

ASK ALL:

Q.7a. At what times of day are these rooms heated just now? (ASK FOR ALL ROOMS AND RECORD IN CRI

	Q.6. CENTRAL HEATING							NON-CENTRAL AND ADDITIONAL HEATING							Q.7a. TIMES OF DAY ROOMS HEATED										
	Solid fuel radiators	Gas warm air	Gas radiators	Electric warm air	Electric radiators/storage	Oil radiators	Oil warm air	Open Fire	Gas Fire/Gas boiler/Hot-line	Electric Fire	Solid Fuel Stove	Oil Heaters/Calor gas	No heating at all	Other heating (SPECIFY):	Morning only	Afternoon only	Evening only	Overnight only	Heating not used	Morning and Afternoon	Morning and Evening	Afternoon and Evening	Morning, afternoon & evening	Morning, afternoon, evening and overnight	Any other answer (SPECIFY)
Sitting room (10)	1	2	3	4	5	6	7	(20) 1	2	3	4	5	6	8	(30) 1	2	3	4	5	6	7	8	9	0	X
Dining room (11)	1	2	3	4	5	6	7	(21) 1	2	3	4	5	6	8	(31) 1	2	3	4	5	6	7	8	9	0	X
Kitchen (12)	1	2	3	4	5	6	7	(22) 1	2	3	4	5	6	8	(32) 1	2	3	4	5	6	7	8	9	0	X
Hall (downstairs) (13)	1	2	3	4	5	6	7	(23) 1	2	3	4	5	6	8	(33) 1	2	3	4	5	6	7	8	9	0	X
Master/Parent's bedroom (14)	1	2	3	4	5	6	7	(24) 1	2	3	4	5	6	8	(34) 1	2	3	4	5	6	7	8	9	0	X
Bedroom 2 (15)	1	2	3	4	5	6	7	(25) 1	2	3	4	5	6	8	(35) 1	2	3	4	5	6	7	8	9	0	X
Bedroom 3 (16)	1	2	3	4	5	6	7	(26) 1	2	3	4	5	6	8	(36) 1	2	3	4	5	6	7	8	9	0	X
Bedroom 4 (17)	1	2	3	4	5	6	7	(27) 1	2	3	4	5	6	8	(37) 1	2	3	4	5	6	7	8	9	0	X
Bathroom (18)	1	2	3	4	5	6	7	(28) 1	2	3	4	5	6	8	(38) 1	2	3	4	5	6	7	8	9	0	X
Downstairs through room/Lounge-diner (19)	1	2	3	4	5	6	7	(29) 1	2	3	4	5	6	8	(39) 1	2	3	4	5	6	7	8	9	0	X

IF CENTRAL HEATING MENTIONED AT Q.6. SKIP TO Q.8. - OTHERWISE ASK:

Q.7b. Can you remind me if you have central heating?

Yes  
No

Col. 40

1 -

ASK Q.8.

2 -

SKIP TO Q.11.

IF 'YES' AT Q.7b. ASK:

Q.8. Has there been any change in the way you set the temperature of your central heating since I last saw you?

Yes  
No

Col. 41

1 -

ASK Q.9.

2 -

SKIP TO Q.10.

IF 'YES' AT Q.8. ASK:

SHOW CARD A

Q.9. How do you set the temperature now?

Col. 42

CIRCLE ONE RESPONSE ONLY

Thermostat on boiler only	1
Wall thermostat(s) only	2
Thermostats on radiator only	3
Wall thermostat and boiler thermostat	4
Storage Heaters (no thermostat)	5
Thermostat on boiler and radiator	6
Thermostat on boiler, radiator and wall	7
Thermostat on wall and radiator	8

Q.10. What are the thermostats normally set at, at this time of year? (WRITE IN TEMPERATURE OF THERMOSTAT/S).

\*Radiators

Ask for Main Living Room and Main Bedroom only.

Type of Thermostat			Other
Wall	Radiator*	Boiler	Specify
(43) (44) <input type="text"/> <input type="text"/>	Main Living Room (45) (46) <input type="text"/> <input type="text"/>	(49) (50) <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>
	Main Bedroom (47) (48) <input type="text"/> <input type="text"/>		

ASK ALL:

SHOW CARD B

Q.11. In general, are you satisfied with the way your home is heated at present? Do you find it .....

Very satisfactory

Col. 51

1

Fairly satisfactory

2

Not very satisfactory

3

Not at all satisfactory

4

Q.12. Have you added any form of insulation in your home since we last spoke?

Yes  
No

Col. 52

1 -

ASK Q.13.

2 -

SKIP TO Q.14.

IF 'YES' AT Q.12. ASK:

Q.13. What type? READ OUT.

	Yes	No	Cols
Roof insulation	1	2	(53)
Wall cavity insulation	1	2	(54)
Extra glazing	1	2	(55)
Draught proofing	1	2	(56)
Cylinder lagging	1	2	(57)
Others (SPECIFY:			
_____	X	X	X
_____	X	X	X
_____)	X	X	X

ASK ALL:

Q.14. How much do you think it costs you to heat your house at this time of year?  
DO NOT PROMPT. PROBE FOR WEEKLY AMOUNT. IF RESPONDENT DOES NOT KNOW ASK:

Please estimate what you think it costs?

Col. 58

Included in the rent	1
Up to £1.00 per week	2
Over £1-£2 per week	3
Over £2-£3 per week	4
Over £3-£4 per week	5
Over £4-£5 per week	6
Over £6-£8 per week	7
Over £8-£10 per week	8
Over £10 per week	9

IF ANNUAL/MONTHLY WRITE IN  
WHICH AND AMOUNT SPECIFIED:

SHOW CARD C

Q.15. Considering present-day prices, do you think this is .....? Please  
pick a phrase from this card. (DO NOT PROMPT OR READ OUT).

Col. 59

Very good value	1
Fairly good value	2
Not very good value	3
Very poor value	4

Q.16. If your heating were cheaper to run would you prefer to heat more rooms or  
to have the temperature higher or to keep it as it is?

	Prefer
	Col. 60
Heat more rooms	1
Have the temperature higher	1
Keep it as it is	2

BEFORE GOING ON TO THE NEXT ROOM.

We are interested in finding out how you ventilate the rooms in your house. Can we take each one separately?

Q.17. At this time of year during which part(s) of the day do you generally have the windows in the \_\_\_\_\_ (NAME APPROPRIATE ROOM) open? (RECORD ANSWER IN GRID BELOW).

Q.18. For what period of time are the \_\_\_\_\_ (NAME APPROPRIATE ROOM) windows open? (RECORD ANSWER IN GRID BELOW).

1 = CARD 4 DUP. COLS. 2-4

Q17. & Q18.	TIME PERIOD	Kitchen	Sitting room (separate)	Dining room (separate)	Living/ Dining room	Main bedroom	Bedroom 2	Bedroom 3	Bedroom 4
Day <input type="checkbox"/>	Less than 1 hr.	(61) 1	(64) 1	(67) 1	(70) 1	(73) 1	(76) 1	(79) 1	(6) 1
	1-1	2	2	2	2	2	2	2	2
	Over 1-4	3	3	3	3	3	3	3	3
	Over 4 hrs.	4	4	4	4	4	4	4	4
	Not open	5	5	5	5	5	5	5	5
Evening <input type="checkbox"/>	Less than 1 hr.	(62) 1	(65) 1	(68) 1	(71) 1	(74) 1	(77) 1	(80) 1	(7) 1
	1-1	2	2	2	2	2	2	2	2
	Over 1-4	3	3	3	3	3	3	3	3
	Over 4 hrs.	4	4	4	4	4	4	4	4
	Not open	5	5	5	5	5	5	5	5
Night <input type="checkbox"/>	Less than 1 hr.	(63) 1	(66) 1	(69) 1	(72) 1	(75) 1	(78) 1	(5) 1	(8) 1
	1-1	2	2	2	2	2	2	2	2
	Over 1-4	3	3	3	3	3	3	3	3
	Over 4 hrs.	4	4	4	4	4	4	4	4
	Not open	5	5	5	5	5	5	5	5

Q.19. Do you sleep in a room at the front or at the back of your house?

Col. 9  
Front 1  
Rear 2

Q.20. Why do you sleep at the \_\_\_\_\_ (INSERT ANSWER FROM Q.19.) of your house?

Col. 10  
Noise 1  
Heat/Stuffiness 2  
Other (SPECIFY: 3

Q.21. How do you most often spend weekday evenings at this time of year?  
(CIRCLE ONE RESPONSE ONLY).

- |  |                   |
|--|-------------------|
|  | Col. 11           |
| a. TV                                    | 1                 |
| b. Radio/records/tapes                   | 2                 |
| c. Reading/studying/working at home      | 3                 |
| d. Housework/indoor D.I.Y.               | 4                 |
| e. Hobbies (inc. sewing, knitting, etc.) | 5                 |
| f. Go out                                | 6 - SKIP TO Q.23. |
| g. Chatting/entertaining friends         | 7                 |
| h. Outdoor gardening, D.I.Y., etc.       | 8                 |

IF 'a, b, c, d, e or g' AT Q.21. ASK Q.22., OTHERWISE SKIP TO Q.23.

Q.22. In which room? (DO NOT PROMPT. IF NECESSARY ASK IF FRONT OR BACK).

- |                         |         |
|-------------------------|---------|
|                         | Col. 12 |
| Upstairs front          | 1       |
| Upstairs back           | 2       |
| Downstairs front        | 3       |
| Downstairs back         | 4       |
| Downstairs through room | 5       |

ASK ALL:

Q.23. How do you most often spend the evening at the weekend at this time of year?  
(CIRCLE ONE RESPONSE ONLY).

- |  |                   |
|--|-------------------|
|  | Col. 13           |
| a. TV                                    | 1                 |
| b. Radio/records/tapes                   | 2                 |
| c. Reading/studying/working              | 3                 |
| d. Housework/indoor D.I.Y.               | 4                 |
| e. Hobbies (inc. sewing, knitting, etc.) | 5                 |
| f. Go out                                | 6 - SKIP TO Q.25. |
| g. Chatting/entertaining friends         | 7                 |
| h. Outdoor/gardening/D.I.Y., etc.        | 8                 |
| i. Don't know (can't answer)             | 9                 |

IF 'a, b, c, d, e or g' AT Q.23. ASK Q.24., OTHERWISE SKIP TO Q.25.

Q.24. In which room? (DO NOT PROMPT. IF NECESSARY ASK IF FRONT OR BACK).

- |                         |         |
|-------------------------|---------|
|                         | Col. 14 |
| Upstairs front          | 1       |
| Upstairs back           | 2       |
| Downstairs front        | 3       |
| Downstairs back         | 4       |
| Downstairs through room | 5       |

ASK ALL:

SHOW CARD F

Q.25. Would you say you were bothered by traffic noise here .....

- |            |         |
|------------|---------|
|            | Col. 15 |
| Very much  | 1       |
| Moderately | 2       |
| A little   | 3       |
| Not at all | 4       |

Q.26. Is the noise more, less or about the same now as at other times of the year?  
(RECORD BELOW).

Q.27. Would you say the noise today is more, less, or about the same as usual for  
this time of year? (RECORD BELOW).

	Q.26	Q.27
	Col. 16	Col. 17
More	1	1
Less	2	2
About the same	3	3
Don't know	4	4



SHOW CARD E

Q.28. I would like to know what you feel about the noise you hear from the traffic when you are at home. Please indicate what you feel by pointing to a number on this card. If for instance the traffic noise level here is definitely satisfactory you would choose the number '1' or if definitely unsatisfactory the number '7'. If, however, your assessment is somewhere between these two you can choose a number between 2 and 6 to show this. If it is neither satisfactory nor unsatisfactory you would choose '4' and if just a little on the side of unsatisfactory, the number '5' and so on.

Definitely satisfactory

Col. 18

1	1
2	2
3	3
4	4
5	5
6	6
7	7

Definitely unsatisfactory

SHOW CARD G

Q.29. Which statement would you pick to describe yourself?

Col. 19

I am very sensitive to noise,  
it bothers me a lot

1

I am not at all sensitive to  
noise, it never bothers me at all

2

Neither

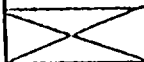
3

SHOW CARD H

Q.30. Considering that, for most people, noise levels have tended to increase in recent years, how much a week would it be worth for the traffic noise to be kept down to its present level? Please indicate by choosing one of the marks on this scale. (RECORD ANSWER BELOW UNDER Q.30).

SHOW CARD J

Q.31. How much a week would it be worth to you for the traffic noise to be reduced to a reasonable level? Please indicate by choosing one of the marks on this scale. (RECORD ANSWER BELOW UNDER Q.31.)

	<u>Q.30.</u> (20)	<u>Q.31.</u> (21)
Already reasonable		1
Nothing	2	2
1p	3	3
5p	4	4
10p	5	5
25p	6	6
50p	7	7
£1	8	8
£2.50	9	9
£5 or more	0	0

IF A SUM OF MONEY SPECIFIED AT Q.31. ASK Q.32., OTHERWISE SKIP TO Q.33.

SHOW CARD K

Q.32. For this amount of money, how much would you expect the noise to be reduced by? Please indicate by choosing one of the marks on this scale.

	Col. 22
Not at all	1
By a quarter	2
By a half	3
By three-quarters	4
Totally removed	5

ASK ALL:

Q.33. At present do you yourself go out to work?

Yes  
No

Col. 23	
1 -	ASK Q.34.
2 -	SKIP TO Q.35.

Q.34. What hours do you work?

		DAYS	NIGHTS
		(24)	
Part Time	A.M.	1	2
	P.M.	3	4
Full Time		5	6

ASK ALL:

Q.35. Do you either a) have the use of or b) own a car?

a) Have the use of  
b) Own

Col. 25	
1	
2	

Q.36. Does your husband/wife either a) have the use of or b) own a car?

a) Have the use of  
b) Own

Col. 26	
1	
2	

IF RESPONDENT HIM/HERSELF OWNS/USES A CAR AT Q.35. ASK Q.37-Q.39. IF RESPONDENT DOES NOT OWN/USE A CAR SKIP TO Q.40.

Q.37. Do you use it/them for ..... (READ).

Private	1 (27)
Getting to work	1 (28)
Doing your job	1 (29)

Q.38. How many miles per week do you think you do at this time of year? (DO NOT READ OUT).

	Col. 30
Less than 25	1
25-50	2
51-100	3
101-250	4
251-500	5
More than 500	6

Q.39. How much petrol do you think you use each week at this time of year, on the average? (RESPONDENT MAY ANSWER EITHER IN GALLON TERMS OR IN MONEY TERMS. RECORD EITHER ANSWER, BUT NOT BOTH).

	Col. 31		Col. 32	
Less than 2 gallons	1	Less than £ 1.50	1	
2 gallons but less than 5	2	£ 1.50 - £ 4.49	2	DO
5 gallons but less than 10	3	£ 4.50 - £ 7.49	3	NOT
10 gallons but less than 15	4	£ 7.50 - £12.00	4	PROMPT
15 gallons but less than 20	5	£12.01 - £16.50	5	
20 gallons and over	6	More than £16.50	6	

REFER TO Q.33., IF RESPONDENT WORKS ASK Q.40., OTHERWISE SKIP TO Q.41.

Q.40. How often do you use public transport to go to work? (READ LIST) (CIRCLE ONE RESPONSE ONLY).

	Col.33
Never	1
Almost never	2
Less than weekly	3
Daily	4

ASK ALL WHO OWN A CAR:

SHOW CARD I

Q.41. How expensive do you think it is to use your car to meet your normal transport needs? Please select a phrase from this card.

	Col.34
Very cheap	1
Fairly cheap	2
Fairly expensive	3
Very expensive	4

Q.42. Do you think it is (READ OUT) .....

	Col.35
Very good value	1
Fairly good value	2
Not very good value	3
or Very poor value .... for money	4

IF RESPONDENT PERSONALLY DOES NOT OWN/USE A CAR AT Q.35. AND WORKS - REFER TO Q.33:-  
ASK Q.43. AND Q.44., OTHERWISE SKIP TO Q.45.

Q.43. How do you normally get to work? (READ LIST. CIRCLE ONE RESPONSE ONLY).  
Do you .....

	Col.36
Walk	1
Cycle	2
Motor Cycle	3
Go by bus	4
Take the train	5
Go by tube	6
Get a lift	7
or use a combination of these	8

ASK Q.44. OF ALL WHO WORK:

Q.44. How much time, in total, do you spend travelling to and from work each day? (READ LIST. CIRCLE ONE RESPONSE ONLY). Do you spend .....

	Col. 37
Less than 1/2 hour	1
1/2 - 1 hour	2
Over 1 hour - 2 hours	3
Over 2 hours - 3 hours	4
More than 3 hours	5
	6

DO NOT READ OUT → None

ASK ALL WHO USE PUBLIC TRANSPORT:

Q.45. Roughly, how much do you reckon you now spend each week on public transport?  
(READ LIST). Do you spend .....

	Col. 38
Less than 50p	1
Over 50p - £1	2
Over £1 - £1.50	3
Over £1.50 - £2.00	4
Over £2.00 - £2.50	5
More than £2.50	6

Q.46. Do you think this is .....? (READ LIST)

	Col. 39
Expensive	1
Reasonable	2
or Cheap	3

Q.47. And finally, do you think it is .....? (READ OUT).

	Col. 40
Very good value	1
Fairly good value	2
Not very good value	3
or Very poor value for money	4

NOW GO TO CLASSIFICATION

I asked you a number of details about your household last time. Perhaps if I read them out to you, you could tell me of any changes which have occurred since then.  
(READ OUT CLASSIFICATION SECTION FROM PHASE 1 AND RECORD ON NEW CLASSIFICATION SHEET).

Explanation.

Thank you for answering my questions. As I explained last time I visited you, we would like to interview you again in the future. Can you tell me what time of day would be most convenient for you?

Morning ☐ Afternoon ☐ Evening ☐

THANK RESPONDENT AND CLOSE INTERVIEW.

# CLASSIFICATION SECTION

NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_

HAS TELEPHONE: \_\_\_\_\_ Col. 41  
Yes 1  
No 2

TEL No: \_\_\_\_\_  
RESPONDENT HAS: \_\_\_\_\_ Col. 42  
Full-time occupation 1  
(30 or more hours per week)  
Part-time occupation 2  
(8-29 hours per week)  
No paid occupation 3

Head of household 1 Col. 43  
Housewife 2

SEX: \_\_\_\_\_ Col. 44  
Male 1  
Female 2

How long have you been living at this address? \_\_\_\_\_ Col. 45  
Less than 1 year 1  
1-3 years 2  
Over 3-5 years 3  
Over 5-10 years 4  
Over 10 years 5  
All life 6

AGE FULL-TIME EDUCATION COMPLETED \_\_\_\_\_ Col. 46  
Below 14 1  
14 years 2  
15 years 3  
16 years 4  
17 years 5  
18 years 6  
19-21 years 7  
22 years and over 8  
Still studying 9  
Don't know/Ref. 0

OCCUPATION OF HEAD OF HOUSEHOLD:  
(or former occupation if retired)

If widow give details of former occupation of husband  
OCCUPATION: \_\_\_\_\_

INDUSTRY WORKED IN: \_\_\_\_\_

ANY QUALIFICATIONS/APPRENTICESHIPS:

Yes (Write in) \_\_\_\_\_

No A

IF SELF-EMPLOYED OR MANAGERIAL:

How many people responsible for \_\_\_\_\_

IF CIVIL SERVANT OR ARMED FORCES:

What grade/rank: \_\_\_\_\_

WIDOWS OR RETIRED PERSONS:

State pension only A

Private pension A

AGE: (Write in) \_\_\_\_\_

16-24

25-34

35-44

45-54

55-64

65+

Col. 47

1

2

3

4

5

6

HOUSEHOLD STRUCTURE:

No. of children 0-14

Col. 48

One

1

Two

2

Three

3

Four or more

4

No. of adults in family 15+

Col. 49

One

1

Two

2

Three

3

Four or more

4

CLASS:

Col. 50

A

1

B

2

C

3

C1

4

C2

5

D

6

E

MARITAL STATUS:

Col. 51

Married

1

Single

2

(Divorced/Separated/

Widowed, specify which: \_\_\_\_\_

3

Please choose a letter to indicate your  
(your husband/wife's NET MONTHLY INCOME  
AFTER TAX AND OTHER DEDUCTIONS.

SHOW INCOME CARD

HOH (52) HW (53)

(A) Up to £100

1

1

(B) Up to £150

2

2

(C) Up to £200

3

3

(D) Up to £250

4

4

(E) Up to £300

5

5

(F) Up to £350

6

6

(G) Up to £400

7

7

(H) Up to £450

8

8

(I) Up to £500

9

9

(J) Over £500

0

0

PANEL

Col. 54

1st stage (Nov. 1977)

1

2nd stage (Jan. 1978)

2

3rd stage (March 1978)

3

4th stage (May 1978)

4

SITE:

Col. 55

Eastern Avenue, Ilford

1

Coombe Lane, West Wimbledon

2

Mostyn Road, Merton Park

3

Whickham Avenue

4

Galliards Road

5

Kingston Road

6

Length of interview (minutes):

Col. 56

Version A

1

Version B

2

REMARKS OR COMMENTS: \_\_\_\_\_

JANUARY, 1978.

ENERGY SURVEY

J.N. 7161

(Version E)

"Dissatisfaction" question precedes "Bother" Question (2b)

ASK TO SPEAK TO NAMED RESPONDENT

Good morning/afternoon/evening. I am ..... from Burke Marketing Research. You probably remember the interview you gave us a few weeks ago. We are now carrying out the second round of interviewing so may I come in and ask you a few questions please?

*The traffic noise related questions have been circled in red*

FURTHER EXPLANATION - USE ONLY IF NECESSARY (AT ANY POINT)

You may think that some of the questions are similar to those we asked you before. This is because we want to find out whether or not, and in what ways, people's behaviour varies at different times of the year and whether or not their opinions change. So please bear with us and answer all of the questions.

TICK HERE

☐

IF THIS EXPLANATION USED

CARD 3 = 1

This time I would like to start with some questions about your neighbourhood.

SHOW CARD D

Q.1. What do you think of the area, here where you live? Please pick one of the statements on this card.

	Col. 5
Excellent	1
Good	2
Fair	3
Poor	4
Very Poor	5

Q.2. What do you like most about it? RECORD ONE ANSWER ONLY.

	Col. 6
Quiet	1
Other (SPECIFY:	
_____	
_____	
_____)	2

Q.3. What do you most dislike about it? RECORD ONE ANSWER ONLY.

	Col. 7
Noise	1
Other (SPECIFY:	
_____	
_____	
_____)	2

3 - *noise disliked*

Q.4. Can you hear the noise of traffic when you are in your home?

	Col. 8
Yes	1
No	2

Q.5. Last time I asked you how you heat your home. Has there been any change in your heating system since then?

	Col. 9
Yes	1 - ASK Q.6.

Q.6. How do you heat your .....? (READ OUT ROOMS IN TURN AND RECORD IN TURN ON GRID).

ASK ALL:

Q.7a. At what times of day are these rooms heated just now? (ASK FOR ALL ROOMS AND RECORD IN TURN ON GRID).

		Q.6. CENTRAL HEATING							NON-CENTRAL AND ADDITIONAL HEATING							Q.7a. TIMES OF DAY ROOMS HEATED											
		Solid fuel radiators	Gas warm air	Gas radiators	Electric warm air	Electric radiators/storage	Oil radiators	Oil warm air	Open Fire	Gas Fire/Gas boiler/Hot-line	Electric Fire	Solid Fuel Stove	Oil Heaters/Calor gas	No heating at all	Other heating (SPECIFY):		Morning only	Afternoon only	Evening only	Overnight only	Heating not used	Morning and Afternoon	Morning and Evening	Afternoon and Evening	Morning, afternoon & evening	Morning, afternoon, evening and overnight	Any other answer (SPECIFY)
Sitting room	(10)	1	2	3	4	5	6	7	(20) 1	2	3	4	5	6	8		(30) 1	2	3	4	5	6	7	8	9	0	X
Dining room	(11)	1	2	3	4	5	6	7	(21) 1	2	3	4	5	6	8		(31) 1	2	3	4	5	6	7	8	9	0	X
Kitchen	(12)	1	2	3	4	5	6	7	(22) 1	2	3	4	5	6	8		(32) 1	2	3	4	5	6	7	8	9	0	X
Hall (downstairs)	(13)	1	2	3	4	5	6	7	(23) 1	2	3	4	5	6	8		(33) 1	2	3	4	5	6	7	8	9	0	X
Master/Parent's bedroom	(14)	1	2	3	4	5	6	7	(24) 1	2	3	4	5	6	8		(34) 1	2	3	4	5	6	7	8	9	0	X
Bedroom 2	(15)	1	2	3	4	5	6	7	(25) 1	2	3	4	5	6	8		(35) 1	2	3	4	5	6	7	8	9	0	X
Bedroom 3	(16)	1	2	3	4	5	6	7	(26) 1	2	3	4	5	6	8		(36) 1	2	3	4	5	6	7	8	9	0	X
Bedroom 4	(17)	1	2	3	4	5	6	7	(27) 1	2	3	4	5	6	8		(37) 1	2	3	4	5	6	7	8	9	0	X
Bathroom	(18)	1	2	3	4	5	6	7	(28) 1	2	3	4	5	6	8		(38) 1	2	3	4	5	6	7	8	9	0	X
Downstairs through room/Lounge-diner	(19)	1	2	3	4	5	6	7	(29) 1	2	3	4	5	6	8		(39) 1	2	3	4	5	6	7	8	9	0	X

ONLY PUNCHED IF CHANGED

Q.7b. Can you remind me if you have central heating?

Yes  
No

Col. 40

1 - ASK Q.8.  
2 - SKIP TO Q.11.

IF 'YES' AT Q.7b. ASK:

Q.8. Has there been any change in the way you set the temperature of your central heating since I last saw you?

Yes  
No

Col. 41

1 - ASK Q.9.  
2 - SKIP TO Q.10.

IF 'YES' AT Q.8. ASK:

SHOW CARD A

Q.9. How do you set the temperature now?

Col. 42

CIRCLE ONE RESPONSE ONLY

Thermostat on boiler only	1
Wall thermostat(s) only	2
Thermostats on radiator only	3
Wall thermostat and boiler thermostat	4
Storage Heaters (no thermostat)	5
Thermostat on boiler and radiator	6
Thermostat on boiler, radiator and wall	7
Thermostat on wall and radiator	8

Q.10. What are the thermostats normally set at, at this time of year? (WRITE IN TEMPERATURE OF THERMOSTAT(S)).

Radiators

Ask for Main Living Room and Main Bedroom only.

Type of Thermostat			Other
Wall	Radiator*	Boiler	Specify
(43) (44) <input checked="" type="checkbox"/> <input type="checkbox"/>	Main Living Room (45) (46) <input type="checkbox"/> <input type="checkbox"/>	(49) (50) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
	Main Bedroom (47) (48) <input type="checkbox"/> <input type="checkbox"/>		

↓  
STORAGE HEATERS  
NO THERMOSTAT

ASK ALL:

SHOW CARD B

Q.11. In general, are you satisfied with the way your home is heated at present? Do you find it .....

Col. 51

Very satisfactory	1
Fairly satisfactory	2
Not very satisfactory	3
Not at all satisfactory	4

Q.12. Have you added any form of insulation in your home since we last spoke?

Col. 52

Yes  
No

1 - ASK Q.13.  
2 - SKIP TO Q.14.



Q.13. What type? READ OUT.

	Yes	No	Cols
Roof insulation	1	2	(53)
Wall cavity insulation	1	2	(54)
Extra glazing	1	2	(55)
Draught proofing	1	2	(56)
Cylinder lagging	1	2	(57)
Others (SPECIFY:			
_____	X	X	X
_____	X	X	X
_____)	X	X	X

ASK ALL:

Q.14. How much do you think it costs you to heat your house at this time of year?  
DO NOT PROMPT. PROBE FOR WEEKLY AMOUNT. IF RESPONDENT DOES NOT KNOW ASK:

Please estimate what you think it costs?

Col. 58

Included in the rent	1
Up to £1.00 per week	2
Over £1-£2 per week	3
Over £2-£3 per week	4
Over £3-£4 per week	5
Over £4-£5 per week	6
Over £6-£8 per week	7
Over £8-£10 per week	8
Over £10 per week	9

y N/started  
 X D/know

IF ANNUAL/MONTHLY WRITE IN  
 WHICH AND AMOUNT SPECIFIED:

SHOW CARD C

Q.15. Considering present-day prices, do you think this is .....? Please  
 pick a phrase from this card. (DO NOT PROMPT OR READ OUT).

Col. 59

Very good value	1
Fairly good value	2
Not very good value	3
Very poor value	4

NOT ASKED

IF Y OR X AT Q.14

5 D/know

Q.16. If your heating were cheaper to run would you prefer to heat more rooms or  
 to have the temperature higher or to keep it as it is?

	Prefer
	Col. 60
Heat more rooms	1
Have the temperature higher	1
Keep it as it is	2

y → other answer  
 i.e. would change  
 to other heating

We are interested in finding out how you ventilate the rooms in your house. Can we take each one separately?

Q.17. At this time of year during which part(s) of the day do you generally have the windows in the \_\_\_\_\_ (NAME APPROPRIATE ROOM) open? (RECORD ANSWER IN GRID BELOW).

Q.18. For what period of time are the \_\_\_\_\_ (NAME APPROPRIATE ROOM) windows open? (RECORD ANSWER IN GRID BELOW).

1 = CARD 4 DUP. COLS. 2-4

Q17. & Q18.	TIME PERIOD	Kitchen	Sitting room (separate)	Dining room (separate)	Living/Dining room	Main bedroom	Bedroom 2	Bedroom 3	Bedroom 4
Day <input type="checkbox"/>	Less than 1 hr.	(61) 1	(64) 1	(67) 1	(70) 1	(73) 1	(76) 1	(79) 1	(6) 1
	1-4	2	2	2	2	2	2	2	2
	Over 1-4	3	3	3	3	3	3	3	3
	Over 4 hrs.	4	4	4	4	4	4	4	4
	Not open	5	5	5	5	5	5	5	5 <i>Not Started</i>
Evening <input type="checkbox"/>	Less than 1 hr.	(62) 1	(65) 1	(68) 1	(71) 1	(74) 1	(77) 1	(80) 1	(7) 1
	1-4	2	2	2	2	2	2	2	2
	Over 1-4	3	3	3	3	3	3	3	3
	Over 4 hrs.	4	4	4	4	4	4	4	4
	Not open	5	5	5	5	5	5	5	5
Night <input type="checkbox"/>	Less than 1 hr.	(63) 1	(66) 1	(69) 1	(72) 1	(75) 1	(78) 1	(5) 1	(8) 1
	1-4	2	2	2	2	2	2	2	2
	Over 1-4	3	3	3	3	3	3	3	3
	Over 4 hrs.	4	4	4	4	4	4	4	4
	Not open	5	5	5	5	5	5	5	5

Q.19. Do you sleep in a room at the front or at the back of your house?

Front  
Rear

Col. 9

1

2

5

*Not Started*

Q.20. Why do you sleep at the \_\_\_\_\_ (INSERT ANSWER FROM Q.19.) of your house?

Noise  
Heat/Stuffiness  
Other (SPECIFY: \_\_\_\_\_)

Col. 10

1

2

**Q.21.** How do you most often spend weekday evenings at this time of year?  
(CIRCLE ONE RESPONSE ONLY).

- |  | Col. 11           |
|--|-------------------|
| a. TV                                    | 1                 |
| b. Radio/records/tapes                   | 2                 |
| c. Reading/studying/working at home      | 3                 |
| d. Housework/indoor D.I.Y.               | 4                 |
| e. Hobbies (inc. sewing, knitting, etc.) | 5                 |
| f. Go out                                | 6 - SKIP TO Q.23. |
| g. Chatting/entertaining friends         | 7                 |
| h. Outdoor gardening, D.I.Y., etc.       | 8                 |

IF 'a, b, c, d, e or g' AT Q.21. ASK Q.22., OTHERWISE SKIP TO Q.23.

**Q.22.** In which room? (DO NOT PROMPT. IF NECESSARY ASK IF FRONT OR BACK).

- |                         | Col. 12       |
|-------------------------|---------------|
| Upstairs front          | 1             |
| Upstairs back           | 2             |
| Downstairs front        | 3             |
| Downstairs back         | 4             |
| Downstairs through room | 5             |
|                         | 6 Other room  |
|                         | 7 Not stated. |

ASK ALL:

**Q.23.** How do you most often spend the evening at the weekend at this time of year?  
(CIRCLE ONE RESPONSE ONLY).

- |  | Col. 13           |
|--|-------------------|
| a. TV                                    | 1                 |
| b. Radio/records/tapes                   | 2                 |
| c. Reading/studying/working              | 3                 |
| d. Housework/indoor D.I.Y.               | 4                 |
| e. Hobbies (inc. sewing, knitting, etc.) | 5                 |
| f. Go out                                | 6 - SKIP TO Q.25. |
| g. Chatting/entertaining friends         | 7                 |
| h. Outdoor/gardening/D.I.Y., etc.        | 8                 |
| i. Don't know (can't answer)             | 9                 |

IF 'a, b, c, d, e or g' AT Q.23. ASK Q.24., OTHERWISE SKIP TO Q.25.

**Q.24.** In which room? (DO NOT PROMPT. IF NECESSARY ASK IF FRONT OR BACK).

- |                         | Col. 14       |
|-------------------------|---------------|
| Upstairs front          | 1             |
| Upstairs back           | 2             |
| Downstairs front        | 3             |
| Downstairs back         | 4             |
| Downstairs through room | 5             |
|                         | 6 Other room  |
|                         | 7 Not stated. |

when you are at home. Please indicate what you feel by pointing to a number on this card. If for instance the traffic noise level here is definitely satisfactory you would choose the number '1' or if definitely unsatisfactory the number '7'. If, however, your assessment is somewhere between these two you can choose a number between 2 and 6 to show this. If it is neither satisfactory nor unsatisfactory you would choose '4', and if just a little on the side of unsatisfactory, the number '5' and so on.

Definitely Satisfactory	Col. 15
1	1
2	2
3	3
4	4
5	5
6	6
7	7
Definitely unsatisfactory	

Q.26 Is the noise more, less or about the same now as at other times of the year? (RECORD BELOW).

Q.27 Would you say the noise today is more, less, or about the same as usual for this time of year? (RECORD BELOW).

	Q.26	Q.27
	Col. 16	Col. 17
More	1	1
Less	2	2
About the same	3	3
Don't know	4	4

#### SHOW CARD F

Q.28 Would you say you were bothered by traffic noise here .....? Col. 18

Very much	1
Moderately	2
A little	3
Not at all	4

#### SHOW CARD G

Q.29 Which of these statements would you pick to describe yourself? Col. 19

I am very sensitive to noise, it bothers me a lot	1
I am not at all sensitive to noise, it never bothers me at all	2
Neither	3

#### SHOW CARD H

Q.30 Considering that, for most people, noise levels have tended to increase in recent years, how much a week would you be willing to pay for the traffic noise to be kept down to its present level? Please indicate by choosing one of the marks on this scale. (RECORD ANSWER BELOW UNDER Q.30)

#### SHOW CARD J

Q.31 How much a week would you be willing to pay for the traffic noise to be reduced to a reasonable level? Please indicate by choosing one of the marks on this scale. (RECORD ANSWER BELOW UNDER Q.31)

	Q.30 (20)	Q.31 (21)
Already reasonable		1
Nothing →	2	2
1p	3	3
5p	4	4
10p	5	5
25p	6	6
50p	7	7

see version A ↓

↓

Q.32 For this amount of money, how much would you expect the noise to be reduced by? Please indicate by choosing one of the marks on this scale.

	Col. 22
Not at all	1
By a quarter	2
By a half	3
By three-quarters	4
Totally removed	5

ASK ALL:

Q.33 At present do you yourself go out to work or not?

Yes  
No

Col. 23

1 - ASK Q.34

2 - SKIP TO Q.35

IF 'YES' AT Q.33 ASK:

Q.34 What hours do you work?

Q.34		DAYS (24)	NIGHTS
Part Time	A.M.	1	2
	P.M.	3	4
Full Time		5	6

7 - Prefer not to say  
8 - Shifts - Nights & Days

ASK ALL:

Q.35 Do you either a) have the use of or b) own a car?

a) Have the use of  
b) Own

Col. 25

1  
2

Q.36 Does your husband/wife either a) have the use of or b) own a car?

a) Have the use of  
b) Own

Col. 26

1  
2

IF RESPONDENT HIM/HERSELF OWNS/USES A CAR AT Q.35 ASK Q.37. IF RESPONDENT DOES NOT OWN/USE A CAR SKIP TO Q.40

Q.37 Do you use it/them for ..... (READ).

Private Use 1 (27)  
Getting to work 1 (28)  
Doing your job 1 (29)

Q.38 How many miles per week do you think you do at this time of year? (DO NOT READ OUT).

Col. 30  
Less than 25 1  
25-50 2  
51-100 3  
101-250 4  
251-500 5  
More than 500 6

Q.39 How much petrol do you think you use each week at this time of year, on the average? (RESPONDENT MAY ANSWER EITHER IN GALLON TERMS OR IN MONEY TERMS. RECORD EITHER ANSWER, BUT NOT BOTH).

Col. 31		Col. 32	
Less than 2 gallons	1	Less than £1.50	1
2 gallons but less than 5	2	£1.50 - £4.49	2
5 gallons but less than 10	3	£4.50 - £7.49	3
10 gallons but less than 15	4	£7.50 - £12.00	4
15 gallons but less than 20	5	£12.01 - £16.50	5
20 gallons and over	6	More than £16.50	6

7 - Referend

DO  
NOT  
PROMPT

Never	Col. 1
Almost never	2
Less than weekly	3
Daily	4

IF CAR OWNED/USED AT Q.35. ASK Q.41., OTHERWISE SKIP TO Q.43.

SHOW CARD I

Q.41 How expensive do you think it is to use your car to meet your normal transport needs? Please select a phrase from this card.

	Col.34
Very cheap	1
Fairly cheap	2
Fairly expensive	3
Very expensive	4

Q.42 Do you think it is (READ OUT) .....

	Col.35
Very good value	1
Fairly good value	2
Not very good value	3
Very poor value for money	4

IF RESPONDENT PERSONALLY DOES NOT OWN/USE A CAR AT Q.35 AND WORKS - REFER TO Q.33 - ASK Q.43 AND Q.44. OTHERWISE SKIP TO Q.45

Q.43 How do you normally get to work? (READ LIST. CIRCLE ONE RESPONSE ONLY).  
Do you .....

	Col.36
Walk	1
Cycle	2
Motor Cycle	3
Go by bus	4
Take the train	5
Go by tube	6
Get a lift	7

or use a combination of these? 8

ASK Q.44 OF ALL WHO WORK:

Q.44 How much time, in total, do you spend travelling to and from work each day? (READ LIST. CIRCLE ONE RESPONSE ONLY). Do you spend .....

	Col.37
Less than 1/2 hour	1
1/2 - 1 hour	2
Over 1 hour - 2 hours	3
Over 2 hours - 3 hours	4
More than 3 hours	5

DO NOT READ OUT

None → 6

ASK ALL WHO USE PUBLIC TRANSPORT:

Q.45 Roughly, how much do you reckon you now spend each week on public transport? (READ LIST). Do you spend .....

	Col.38
Less than 50p	1
Over 50p - £1	2
Over £1 - £1.50	3
Over £1.50 - £2.00	4
Over £2.00 - £2.50	5
More than £2.50	6

Q.46 Do you think this is .....

Expensive

Col.39

1

6 N/State d

5 N/State d

5 N/State d

6 Pensioners Pass

Col.39 Y/D/Know - Q 46 & 47 NOT ASKED

Q.47 And finally, do you think it is .....? (READ OUT).

	<u>Col. 40</u>
Very good value	1
Fairly good value	2
Not very good value	3
or Very poor value for money	4

I asked you a number of details about your household last time. Perhaps if I read them out to you, you could tell me of any changes which have occurred since then.

(READ OUT CLASSIFICATION SECTION FROM PHASE 1 AND RECORD ON NEW CLASSIFICATION SHEET).

Explanation

Thank you for answering my questions. As I explained last time I visited you, we would like to interview you again in the future. Can you tell me what time of day would be most convenient for you?

Morning	<input type="checkbox"/>	Afternoon	<input type="checkbox"/>	Evening	<input type="checkbox"/>
---------	--------------------------	-----------	--------------------------	---------	--------------------------

THANK RESPONDENT AND CLOSE INTERVIEW.

CLASSIFICATION SECTION

NAME: \_\_\_\_\_

AGE: (Exact \_\_\_\_\_)

Col. 47

ADDRESS: \_\_\_\_\_

16-24	1
25-34	2
35-44	3
45-54	4
55-64	5
65+	6

HAS TELEPHONE: \_\_\_\_\_ Col. 41

Yes	1
No	2

TEL No: \_\_\_\_\_

RESPONDENT HAS: \_\_\_\_\_ Col. 42

Full-time occupation (30 or more hours per week)	1
Part-time occupation (8-29 hours per week)	2
No paid occupation	3

\_\_\_\_\_ Col. 43

Head of household	1
Housewife	2

SEX: \_\_\_\_\_ Col. 44

Male	1
Female	2

How long have you been living at this address? \_\_\_\_\_ Col. 45

Less than 1 year	1
1-3 years	2
Over 3-5 years	3
Over 5-10 years	4
Over 10 years	5
All life	6

AGE FULL-TIME EDUCATION COMPLETED \_\_\_\_\_ Col. 46

Below 14	1
14 years	2
15 years	3
16 years	4
17 years	5
18 years	6
19-21 years	7
22 years and over	8
Still studying	9
Don't know/Ref	0

OCCUPATION OF HEAD OF HOUSEHOLD:  
(or former occupation if retired)

If widow give details of former occupation of husband

OCCUPATION: \_\_\_\_\_

INDUSTRY WORKED IN: \_\_\_\_\_

ANY QUALIFICATIONS/APPRENTICESHIPS:

Yes (Write in) \_\_\_\_\_

No A

IF SELF-EMPLOYED OR MANAGERIAL:

How many people responsible for \_\_\_\_\_

IF CIVIL SERVANT OR ARMED FORCES:

What grade/rank: \_\_\_\_\_

WIDOWS OR RETIRED PERSONS:

State pension only A

Private pension A

HOUSEHOLD STRUCTURE:

No. of children 0-14 \_\_\_\_\_ Col. 48

One	1
Two	2
Three	3
Four or more	4

No. of adults in family 15+ \_\_\_\_\_ Col. 49

One	1
Two	2
Three	3
Four or more	4

CLASS: \_\_\_\_\_ Col. 50

A	1
B	2
C <sub>1</sub>	3
C <sub>2</sub>	4
D	5
E	6

MARITAL STATUS: \_\_\_\_\_ Col. 51

Married	1
Single	2
(Divorced/Separated/ Widowed, specify which: _____)	3

Please choose a letter to indicate your  
(your husband/wife's NET MONTHLY INCOME  
AFTER TAX AND OTHER DEDUCTIONS.

SHOW INCOME CARD	HOH (52)	HW (53)
------------------	-------------	------------

(A) Up to £100	1	1
(B) Up to £150	2	2
(C) Up to £200	3	3
(D) Up to £250	4	4
(E) Up to £300	5	5
(F) Up to £350	6	6
(G) Up to £400	7	7
(H) Up to £450	8	8
(I) Up to £500	9	9
(J) Over £500	0	0

PANEL \_\_\_\_\_ Col. 54

1st stage (Nov. 1977)	1
2nd stage (Jan. 1978)	2
3rd stage (March 1978)	3
4th stage (May 1978)	4

SITE: \_\_\_\_\_ Col. 55

Eastern Avenue, Ilford	1
Coombe Lane, West Wimbledon	2
Mostyn Road, Merton Park	3
Whickham Avenue	4
Galliards Road	5
Kingston Road	6

Length of interview (minutes): \_\_\_\_\_

\_\_\_\_\_ Col. 56

Version A 1

Version B 2

SIGNATURE OF INTERVIEWED DATE OF INTERVIEW



'Energy Use' study  
METHODOLOGICAL NOTES  
Graham (panel no. 2000)  
(1977/78)

1. Purpose

This study was concerned with traffic noise and the objective was to check reactions to noise over time. The study involved conducting interviews with the same people at different points in time. The same questions were asked at each point so the replies from each round of the survey could be examined for differences. The object of the survey was carefully concealed both from respondents and interviewers, both of whom were led to believe that the survey was concerned with Energy Use in the context of the home and living environment.

The survey sites, the fieldwork dates and the addresses at which interviews were to be obtained were selected by Atkins Research & Development, who also prepared the questionnaire. Burke Marketing Research were responsible only for the conduct of fieldwork, printing questionnaires and editing and punching the questionnaires when completed

2. Method

The original survey plan was for one panel of four sites, each to receive four interviews during the winter of 1977/8 and a further panel of two sites, each to receive two interviews during the summer of 1978. The plan was to obtain a final sample of sixty people at each site, equally divided between men and women (housewives or heads of household) who had completed all four interviews. In order to achieve this we proposed to obtain around one hundred first round interviews at each site.

The four sites selected for the winter 1977/8 phase were

- Eastern Avenue, Ilford, Essex
- Coombe Lane, Raynes Park, SW20
- Galliards Road, Edmonton, N9
- Hoslyn Road, Merton Park, SW19

Burke

Fieldwork on the first stage began, following a delay due to last minute questionnaire changes, in the middle of December, 1977. It proved impossible to complete interviewing before Christmas and fieldwork was not completed until January, 1978. In the event response was much poorer than anticipated. The final numbers of interviews obtained was 254 in the four areas.

In view of this short fall, it was decided to add two further sites when conducting the second round of interviewing with the above four. These sites were

Wickham Avenue, Sutton  
Kingston Road, Epsom

These two sites also had four rounds of interviewing

The two sites used for the 'summer rounds' were

Kingston By Pass, New Malden  
Vivian Avenue, Wembley

Each received two rounds of interviewing

### 3. Fieldwork Dates

At each stage a period of 2-3 weeks was allowed for fieldwork, to maximise the opportunity to recontact the same individuals interviewed at each stage (no substitutes were taken). The fieldwork dates were as follows:

Questionnaire	'Winter Sites'		'Summer Sites'	
	Original	Added	Questionnaire	
Round 1 1	December 77/ January 78	February 78	July 78	3a 3b
Round 2 2a, 2b	February 78	March 78	September 78	3a 3b
Round 3 2a, 2b	March 78	April/May 78		
Round 4 2a, 2b	April/May 78	June 78		

#### 4. Response

The results of our initial (i.e. Round 1) contacts at each of the eight sites were as follows:

	Coombe Lane	Hoslyn Road	Eastern Avenue	Galliards Road	Wickham Avenue	Kingston Road	Kingston By Pass	Vivia Ave
Addresses issued	125	110	141	192	123	112	120	138
Interviews completed	48	67	62	77	60	50	73	70

The number of completed interviews obtained at each round of interviewing was as follows

	Coombe Lane	Hoslyn Road	Eastern Avenue	Galliards Road	Wickham Avenue	Kingston Road	Kingston By Pass	Vivia Ave
Round 1	48	67	62	77	60	50	73	70
Round 2	32	42	43	56	56	46	60	52
Round 3	32	40	35	47	52	40		
Round 4	31	35	32	44	40	33		

#### 5. Questionnaire

The questionnaire was varied slightly for subsequent rounds of the survey to minimise repetition of questions about the home

6 Draw

Respondents in the four-round sites who completed all four interviews were entered in a draw, for a first prize of £40.00 and three runner up prizes of £10.00, as an incentive to complete the four rounds.

Table 1 Sample Size at each site at each interviewing stage.

*Might be that they  
begin to use  
a different numbering  
system for a few  
of these interviews*

	Phase	Date	Sites							
			Ilford	SW20	SW19	N9	Epsom	Sutton	New Malden	Wembley
18 hr $L_{10}$ (dBA) mean of $n$ measurements			81.5 $n = 4$	71.8 $n = 4$	64.6 $n = 4$	64.2 $n = 4$	77.0 $n = 4$	57.9 $n = 4$	77.7 $n = 2$	57.0 $n = 2$
	1	Dec 1977	62	48	67	77				
	2 (1A)	Feb 1978	43	32	42	56	50	60		
	3 (2A)	Mar 1978	35	32	40	47	46	56		
	4 (3A)	Ap/M 1978	32	31	35	44	40	52		
	(4A)	June 1978					33	48		
	5	July 1978							73	70
	6	Sept 1978							60	52

172 113 154 224 169 216 133 120

1555

Table 6. Number of interviews by site and phase and grouping of sites for statistical analysis of other than seasonal effects

INTERVIEW PHASE	ILFORD	SW20	SW19	N9	Lpsom *	Sutton *	Total
1	62	48	67	77	50	60	364
2	43	32	42	56	46	56	275
3	35	32	40	47	40	52	246
4	32	31	35	44	33	48	223

\* previously represented as Phases 1A-4A.